

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005807**Date Inspected:** 17-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Ying Xin**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 2-

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as 1AA Segment. The weld identification numbers are as follows: Seg1C-003 through 014, 093, 097, 100, 103, 106, 109, 112, 115, 118, 121, 124, 127 and Seg1E-112 through 123, 193 through 213, 403 through 414, 445 through 456.

Bay 10-

This QA inspector performed Ultrasonic Testing (UT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The member is identified as East Tower Lift 2 skin E Stiffener. The weld identification number is as follows: NSD1-SA61E/G- 14A/B.

Bay 19-

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested

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and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as Bottom Plate BP025-003. The weld identification numbers are as follows: 023, 044 through 053.

This QA Inspector observed the following work in progress: SAW welding of weld joint 003 located on Bottom Plate BP026-004. ZPMC welder was identified as 062816. ZPMC QC is identified as Chen Ying Xin. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2C-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversations between QA and QC occurred this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
